PMOS EXHIBIT 1

EXCERPTS OF RYAN DIETZ'S DECEMBER 6, 2018 DEPOSITION TRANSCRIPT

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IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF MASSACHUSETTS
Civ. A. No. 17-12472-DLS

LUIGI WARREN,

Plaintiff,

vs

THE CHILDREN'S HOSPITAL

CORPORATION,

Defendant.

DEPOSITION of RYAN DIETZ, a witness called on behalf of the plaintiff, taken pursuant to the applicable provisions of the Federal Rules of Civil Procedure, before Marie C. Leonard, Registered Professional Reporter, Certified Shorthand Reporter No. 146799, and a Notary Public in and for the Commonwealth of Massachusetts, at Children's Hospital, Landmark Center, 401 Park Drive, Boston, Massachusetts, on Thursday, December 6, 2018, commencing at 1:03 p.m.

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1		Is that clear?
2	Α.	Yes, that's clear.
3	Q.	Very good.
4		I would like to start by asking some
5		questions about your background and
6		experience, Mr. Dietz. You are currently
7		senior licensing manager at the Technology and
8		Innovation Development office at Boston
9		Children's Hospital; is that correct?
10	Α.	That's correct.
11	Q.	And you started in that position in 2012
12	Α.	Correct.
13	Q.	is that correct?
14		And were you previous was your
15		previous position director of the Office of
16		Technology Development at the Immune Disease
17		Institute
18	Α.	Correct.
19	Q.	is that correct?
20		And you were there in that position
21		from 2002 to 2012, for about ten years; is
22		that also correct?
23	Α.	That's not completely accurate, no.
24	Q.	Can you please clarify that?

8 MR. FOLKMAN: Objection. 1 2 The title -- the title that I received for Α. 3 director changed at a point in time that I don't recall. And my prior title was 4 5 technology transfer associate. 6 Q. Okay. And you had a JD degree, which is a juris doctor, as I understand it, from Suffolk University Law School --8 9 Α. That's --10 -- is that correct? Q. 11 Α. That's correct. 12 And is it correct you also have a bachelor's Q. 1.3 degree in psychology and criminal justice; is that correct? 14 15 That's correct. Α. 16 And you studied biotechnology at Boston Q. University; is that correct? 17 That is correct. 18 Α. 19 All right. And in your position at Immune Q. 20 Disease Institute, you were responsible for 21 the licensing of technology to Moderna 22 Therapeutics; is that correct? 23 MR. FOLKMAN: Objection. 24 Α. That's correct.

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1	Q.	And in your current position at Boston	
2		Children's Hospital, is the Moderna license	
3		still administered by you; is that correct?	
4		MR. FOLKMAN: Objection.	
5	Α.	I I don't necessarily know what the	
6		question is. "Administered" is a little	
7		complicated for me to understand.	
8	Q.	Okay. What is your role with respect to the	
9		Moderna licensing agreement at Boston	
10		Children's Hospital?	
11	Α.	I am the manager of the technology cases and	
12		the licenses associated with those cases; and,	
13		therefore, the license is something I oversee	
14		on behalf of Children's Hospital.	
15	Q.	Okay. And there are multiple licensing	
16		offices at Children's Hospital; is that	
17		correct?	
18	Α.	That's correct.	
19	Q.	And but you are the licensing officer who	
20		oversees the Moderna license	
21	Α.	I I oversee the cases and the	
22	Q.	is that correct?	
23	Α.	and the licenses associated with those	
24		cases.	

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1		correct?	
2	Α.	I don't know the intent of entering into the	
3		agreement.	
4	Q.	In 2012 IDI did merge with Boston Children's	
5		Hospital; is that correct?	
6	Α.	That is correct.	
7	Q.	And that so IDI ceased to exist as an	
8		independent entity on October 1, 2012 and	
9		became a program within Boston Children's	
10		Hospital; is that your understanding?	
11		MR. FOLKMAN: Objection, compound,	
12		calls for a legal conclusion.	
13	Α.	That is my understanding.	
14	Q.	Can you summarize in your own words the	
15		differences between Immune Disease Institute	
16		and Boston Children's Hospital	
17		MR. FOLKMAN: Objection.	
18	Q.	in terms of size and admission?	
19		MR. FOLKMAN: Objection.	
20	Α.	They are different	
21	Q.	Is it correct that the sorry.	
22	Α.	They are different	
23	Q.	Go ahead.	
24	Α.	in size significantly. They are primarily	

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1		different in their clinical capacity of the	26
2		hospital versus the Immune Disease Institute	
3		having no clinical focus or employees.	
4	Q.	Both of these organizations are nonprofit	
5		entities; is that correct?	
6	Α.	I believe so.	
7	Q.	The Immune Disease Institute, to restate what	
8		you just said, was strictly a research	
9		institution, and Boston Children's Hospital	
10		does research but it's also treats patients	
11		and teaches medical students; is that correct?	
12	Α.	I don't believe I stated that they are	
13		strictly one thing or another. So I don't	
14		believe your restatement is accurate.	
15	Q.	Is it true that Boston Children's Hospital	
16		treats patients, but that it's also a teaching	
17		and research institution; is that correct?	
18	Α.	Yes.	
19	Q.	And is it correct that the Immune Disease	
20		Institute was solely a scientific institute	
21		and not involved in the treatment of patients	
22		or the training of medical students?	
23	Α.	I don't believe that is accurate.	
24	Q.	In what respect is it not accurate?	

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1	Α.	I understand medical students are trained	
2		there, maybe not in clinical, but in research	
3		capacity. And there may be people at IDI who	
4		had clinical roles somewhere outside of the	
5		Immune Disease Institute.	
6	Q.	Okay. The licensing agreement involving the	
7		technology from Derrick Rossi's lab was	
8		involved the Immune Disease Institute and	
9		Moderna. So the Immune Disease Institute, am	
10		I correct, was the licensor, Moderna the	
11		licensee?	
12	Α.	Correct.	
13	Q.	And am I correct that the Immune Disease	
14		Institute had a written policy regarding the	
15		sharing of revenues with employee-inventors	
16		THE COURT REPORTER: What's	
17	Q.	and licensed technology?	
18		MR. FOLKMAN: Dr excuse me.	
19		Dr. Warren, I think the court reporter had a	
20		little trouble hearing that question. Could	
21		you say it again, please.	
22		DR. WARREN: Yes.	
23	Q.	The Immune Disease Institute had a written	
24		policy regarding the sharing of revenues from	

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1		license licensing of inventions that	20
2		covered employee-inventors; is that correct?	
3	Α.	That is correct.	
4	Q.	And that's fairly typical for major research	
5		institutions; is that correct?	
6	Α.	That is my understanding.	
7	Q.	To have such a policy?	
8		And Boston Children's Hospital has its	
9		own written policy for sharing governing	
10		the sharing of revenue for licensed inventions	
11		with inventors and other parties?	
12		MR. FOLKMAN: Objection.	
13	Α.	I'm sorry. That that's a question?	
14	Q.	Is that correct?	
15	Α.	Yes, that is correct.	
16	Q.	Does Boston Children's Hospital also have its	
17		own written policy regarding licensing and	
18		revenue sharing?	
19	Α.	Yes, it does.	
20	Q.	Did the Immune Disease Institute take an	
21		equity stake in Moderna in partial	
22		consideration for the licensing of the	
23		technology from Derrick Rossi's lab?	
24	Α.	Yes, they did.	

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1	Q.	And the equity stake is treated as a royalty	
2		for the purposes of distributing for the	
3		purposes of sharing revenues with	
4		employee-inventors; is that correct?	
5		MR. FOLKMAN: Objection.	
6	Α.	I believe so.	
7	Q.	And is that also true of the Boston Children's	
8		Hospital policy?	
9		MR. FOLKMAN: Objection.	
10	Α.	I believe so.	
11	Q.	Did the Immune Disease Institute ever during	
12		the course of its independent existence reveal	
13		publicly that it had accepted equity from	
14		Moderna in partial consideration for a license	
15		to technology?	
16	Α.	I don't know.	
17	Q.	But you never heard of it during that	
18	Α.	I'm not aware of	
19	Q.	You were never aware of such a thing?	
20	Α.	Could you clarify your question?	
21	Q.	Did the Immune Institute ever disclose in a	
22		public forum such as a an annual report or	
23		in academic publication that it had taken an	
24		equity stake in Moderna and also consideration	

30 for a license? 1 2 I don't know. Α. 3 Do you know if according to the IDI policy on Q. 4 inventions, the institution was supposed to do 5 that? 6 MR. FOLKMAN: Objection. I don't know if we were supposed to do that. Α. Did the Immune Disease Institute or Boston 8 0. 9 Children's Hospital ever disclose to either --10 sorry. Let me strike that. I'm going to 11 begin again. 12 The license that IDI granted to Moderna 1.3 is based on patent applications with two 14 inventors, Derrick Rossi and the plaintiff, in 15 this case, Luigi Warren; is that correct? 16 MR. FOLKMAN: Objection. 17 That's correct. Α. 18 0. And there are no other inventors on those 19 filings? 20 That's correct. Α. 21 Q. Did the Immune Disease Institute ever reveal, 22 in the course of its existence, the acceptance 23 of equity to either of those two inventors, 24 Dr. Warren or Dr. Rossi?

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1		MR. FOLKMAN: Objection.	
2	Α.	I don't know.	
3	Q.	But you're not aware of that happening?	
4	Α.	I'm not aware of it, no.	
5	Q.	And you were director of the licensing office	
6		at Immune Disease Institute?	
7		MR. FOLKMAN: Objection, argumentative.	
8	Α.	That's correct.	
9	Q.	And how many individuals worked in that	
10		office?	
11	Α.	At what time frame?	
12	Q.	Let's say 2010 to 2012.	
13	Α.	One.	
14	Q.	You're referring to yourself?	
15	Α.	Correct.	
16	Q.	Sorry. Could you repeat your answer?	
17	Α.	Correct.	
18	Q.	I didn't catch that.	
19	Α.	Correct.	
20	Q.	Are you aware of Boston Children's Hospital	
21		ever communicating or ever disclosing in a	
22		public forum that Moderna license that IDI	
23		or BCH had taken equity from Moderna?	
24	Α.	I'm not aware.	

			32
1	Q.	You're not aware of that happening?	
2	Α.	Correct.	
3	Q.	Do you know if the Boston Children's Hospital	
4		policy on licensing says that that should	
5		happen?	
6	Α.	I'm not aware of that.	
7	Q.	Are you familiar with Boston Children's	
8		Hospital's written policy on inventions and	
9		the licensing and technology?	
10	Α.	I am familiar with it.	
11	Q.	You are familiar with it?	
12	Α.	Correct.	
13	Q.	But you're not aware of any provisions in	
14		there that would call for public disclosure of	
15		the acceptance of equity in return for a	
16		license?	
17		MR. FOLKMAN: Objection, asked and	
18		answered.	
19	Α.	That is correct.	
20	Q.	Let's turn to the plaintiff's contact review	
21		in 2017 regarding the Moderna license. Do you	
22		recall being contacted on one thing by Luigi	
23		Warren, the plaintiff in this case	
24		MR. FOLKMAN: Objection.	

65 1 DR. WARREN: All right. 2 MR. FOLKMAN: Okay. Go ahead. 3 All right. Let's turn to page 6 of the Q. policy, page 6 being the policy -- original 4 5 document pagination. 6 Α. Yes. And the second paragraph from the top of the Q. page says, "Each covered person shall sign a 8 9 participation agreement which the covered 10 person agrees to comply with this policy. A 11 copy of a participation agreement is attached 12 as Exhibit A. 1.3 Α. I see that. 14 Do you know from your time at -- as the Q. 15 director of tech transfer in the Immune 16 Disease Institute, whether that practice was 17 followed? 18 It's my understanding that all new employees Α. 19 went through a process where they were given 20 the policy and they were required to sign it. 21 Q. Okay. Let's turn to page 8 of the document. 22 Yes. Α. 23 And could you please read for me -- you see Ο. 24 the Section "H, Distribution of Net Proceeds,"

147 1 Α. I think it assumes that that is a complete 2 description of what went into play, and I 3 don't know whether that's the case. 4 Q. All right. 5 All right. Can you tell me when the 6 first distributions of the licensing revenue from the Moderna case took place? I don't have details of the distributions. 8 Α. 9 Q. Can you tell me if any steps were taken by 10 IDI or BCH to inform either Dr. Warren or 11 Dr. Rossi that license and policy that was 12 going to be applied had a different percentage 1.3 for the investors? 14 Α. I don't recall communications informing --15 informing the inventors of those changes. 16 We've talked about a couple -- the description 17 earlier of various splits, but I'm not 18 familiar with other communications that you 19 might be asking about. 20 Going back to the IDI technology policy or Q. 21 inventions policy, are you familiar with what 22 steps were taken to inform IDI employees of 23 the contents of that policy? Can you -- we're just pulling that exhibit up. 24 Α.

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1		Are you referring to Exhibit 11?	
2	Q.	Yes.	
3	Α.	And your question?	
4	Q.	In the technology policy what steps were taken	
5		to make employees or employee-inventors aware	
6		of what was in that document?	
7		MS. MacIVER: Objection.	
8	Q.	So you stated that one aspect was to provide a	
9		participation agreement during orientation and	
10		have the parties have the employee sign	
11		your participation agreement; is that correct?	
12	Α.	That's correct.	
13	Q.	Are you aware of the technology policy being	
14		posted on the corporate Internet for IDI?	
15	Α.	I believe it was.	
16		DR. WARREN: Okay. Now, I believe I	
17		have no further questions at this time; and I	
18		will ask Ms. MacIver whether she has any	
19		question.	
20		MS. MacIVER: I just have one. I'm	
21		going to put in front of Ryan it's	
22		Exhibit 21, and then it was page BCH001106.	
23		* * * *	
24			

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1	CERTIFICATE	
2		
3	Commonwealth of Massachusetts	
4	Norfolk, ss.	
5		
6	I, Marie C. Leonard, Registered	
7	Professional Reporter, Certified Shorthand	
8	Reporter, and a Notary Public in and for the	
9	Commonwealth of Massachusetts, do hereby	
10	certify:	
11	That RYAN DIETZ, the witness whose	
12	deposition is hereinbefore set forth, was duly	
13	sworn by me and that such deposition is a true	
14	record of the testimony given by the said	
15	witness.	
16	IN WITNESS WHEREOF, I have hereunto set	
17	my hand and notarial seal this 15th day of	
18	January, 2019.	
19		
20		
21		
	Marie C. Leonard	
22	RPR, CSR No. 146799	
23		
	My commission expires	
24	on June 17, 2022	